



# Material Safety Data Sheet

Date Prepared: 03/28/2000

## Duraclean International, Inc.

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	0	1	0	N/A	B
HMIS	0	1	0	N/A	

MSDS #011-N

### SECTION 1 - PRODUCT IDENTIFICATION

**Distributor Name:** Duraclean International, Inc. **24 Hr. Emergency Telephone No. (INFOTRAC):** 1-800-535-5053 (U.S.)  
**Address:** 220 W. Campus Dr., Arlington Heights, IL 60004 **1-353-323-3500 (INTL)**  
**Trade Name: COMMERCIAL CARPET & RUG CONCENTRATE** **Product Type:** Carpet cleaner/deodorizer  
**Chemical Family:** Aqueous solution of surfactants and fragrance materials. **Formula:** N/A

### SECTION 2 - INGREDIENTS ( \*HAZARDOUS )

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Water	75-80	7732-18-5	N/A	N/A
Nonionic surfactant	10-15	68439-46-3	N/A	N/A
Tetrasodium EDTA	0.5-1.0	64-02-8	N/A	N/A
Organic phosphate esters	1-5	68130-47-2	N/A	Data unavailable
Sodium metasilicate	1-2	6834-92-0	N/A	Data unavailable

### SECTION 3 - PHYSICAL DATA

**Boiling Point (degrees F):** 212 **Specific Gravity (H<sub>2</sub>O=1.0):** 1.02 **pH Range:** 10-12  
**Vapor Pressure (mm Hg @ 20° C.):** Undetermined **Vapor Density (Air = 1):** Undetermined.  
**Melting Point (Degrees F.):** N/A  
**Solubility in Water:**  Complete  Invisible  Emulsible (or dispersible)  Slight (or partial)  
**Evaporation Rate (vs. H<sub>2</sub>O):**  Faster  Slower  About the same  Undetermined  
**Appearance:** Pale yellow liquid **Odor:** Citrus odor  
**Percent Volatiles by Weight:** 1%

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (T.C.C.):** >200° F. **Flammable Limits:** Non-flammable **Upper:** Undetermined **Lower:** Undetermined  
**Autoignition Temperature:** Undetermined  
**Extinguishing Media:** Carbon dioxide foam or dry chemical extinguisher  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

### SECTION 5 - REACTIVE DATA

**Stability:** Stable **Incompatibility:** None known  
**Hazardous Decomposition Products:** None known **Hazardous Polymerization:** Will not occur.  
**Materials to Avoid:** None known **Conditions to Avoid:** None known

### SECTION 6 - HEALTH HAZARDS

**OSHA Permissible Exposure Limit:** Undetermined **ACGIH Threshold Limit Value:** Undetermined  
**Primary Routes of Exposure:**  Eye  Skin  Oral  Inhalation  Other  
**Signs and Symptoms of Over-exposure (acute and/or chronic):**  
**Eyes:** Causes irritation.  
**Skin:** Can cause temporary irritation.  
**Ingestion:** May irritate the mouth, pharynx, esophagus and stomach.  
**Inhalation:** May irritate nasal membranes in sensitive persons.  
**Medical Conditions Aggravated by Over-exposure:** None known  
**Carcinogen/Suspect Carcinogen Ingredients:**  NPT  IARC  OSHA  None established.

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

**Eyes:** Flush with water, if irritation persists consult a physician.

**Skin:** Wash with soap and water, if irritation persists consult physician.

**Ingestion:** Induce vomiting and consult a physician.

**Inhalation:** Remove to fresh air if breathing is difficult.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** No special requirement.

**Ventilation:**  Local  Mechanical  Other

**Protective Gloves:** Rubber gloves for prolonged contact.

**Eye Protection:** Goggles recommended.

**Other Protective Clothing or Equipment:** None required.

**Work/Hygienic Practices:** Wash with soap and water after contact.

**SECTION 9 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if released or spilled:** Recover for use or absorb for disposal.

**Waste disposal methods:** Dispose of in accordance with Federal, State and Local regulations.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

**Precautions to be taken in handling and storage:** Keep container tightly closed and store at room temperature.

**Precautions for Repair and Maintenance of Contaminated Equipment:** Wash with soap and water.

**Other: KEEP OUT OF REACH OF CHILDREN. USE ONLY AS DIRECTED.**

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